









## Phosphate additives for nonaqueous electrolyte rechargeable electrochemical cells

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**Cited documents:**

 EP1050916  
 EP0918364  
 EP1005098  
 XP002145471  
 JP10255839  
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**Abstract of EP1213782**

A lithium ion electrochemical cell having high charge/discharge capacity, long cycle life and exhibiting a reduced first cycle irreversible capacity, is described. The stated benefits are realized by the addition of at least one phosphate additive having the formula: (R<1>O)P(=O) (OR<2>) (OR<3>) and wherein R<1>, R<2> and R<3> are the same or different, wherein at least one, but not all three, of the R groups is hydrogen, or at least one of the R groups has at least 3 carbon atoms and contains an sp or sp<2> hybridized carbon atom bonded to an sp<3> hybridized carbon atom bonded to the oxygen atom bonded to the phosphorous atom.

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